WeiMonitor



User manual

version 1.2.0.4

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1 Introduction

WeiMonitor is a software that allows a real-time display of the weight values detected by one or more scales, using an indicator, to show whether these are within the values of tolerance, and to collect and manage data collected. To view the data, insert and configure scales and choose how to receive data.
You can also manage users and select the desired language.

2 Installation

The steps for installing the program are 6:

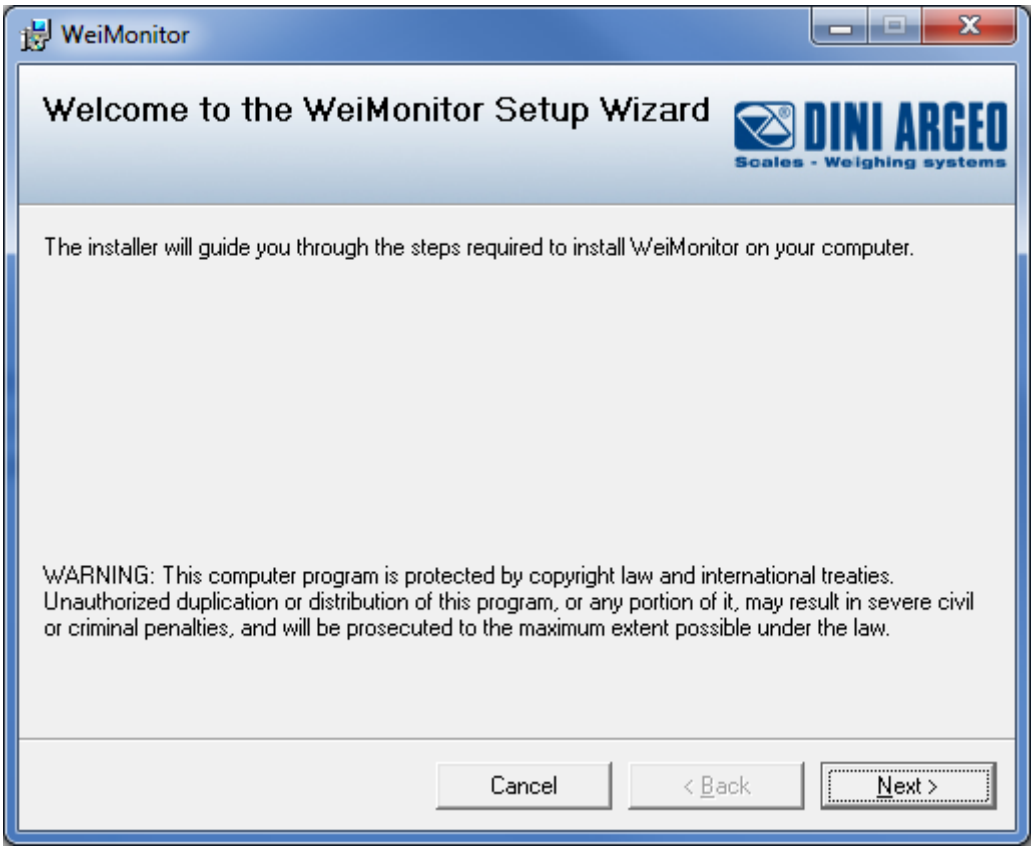

WeiMonitor
Welcome to the WeiMonitor Setup Wizard
DINI ARGEO
Scales - Weighing systems
The installer will guide you through the steps required to install WeiMonitor on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

Figure 1 – Setup (step 1)


WeiMonitor
License Agreement
DINI ARGEO
Scales - Weighing systems
Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".
Garanzia e licenza d'uso
Proprietà del software
È espressamente vietata la copia, la modifica nonché la rivendita e/o ridistribuzione del software senza esplicito consenso di Dini Argeo srl.
I prodotti sviluppati da Dini Argeo sono di proprietà esclusiva della medesima Dini Argeo.
Qualsiasi riferimento ad altre aziende e/o marchi registrati di proprietà di altre aziende possono essere citati al solo fine di semplice riferimento.
I Do Not Agree
I Agree
Cancel
< Back
Next >

Figure 2 – Setup (step 2)

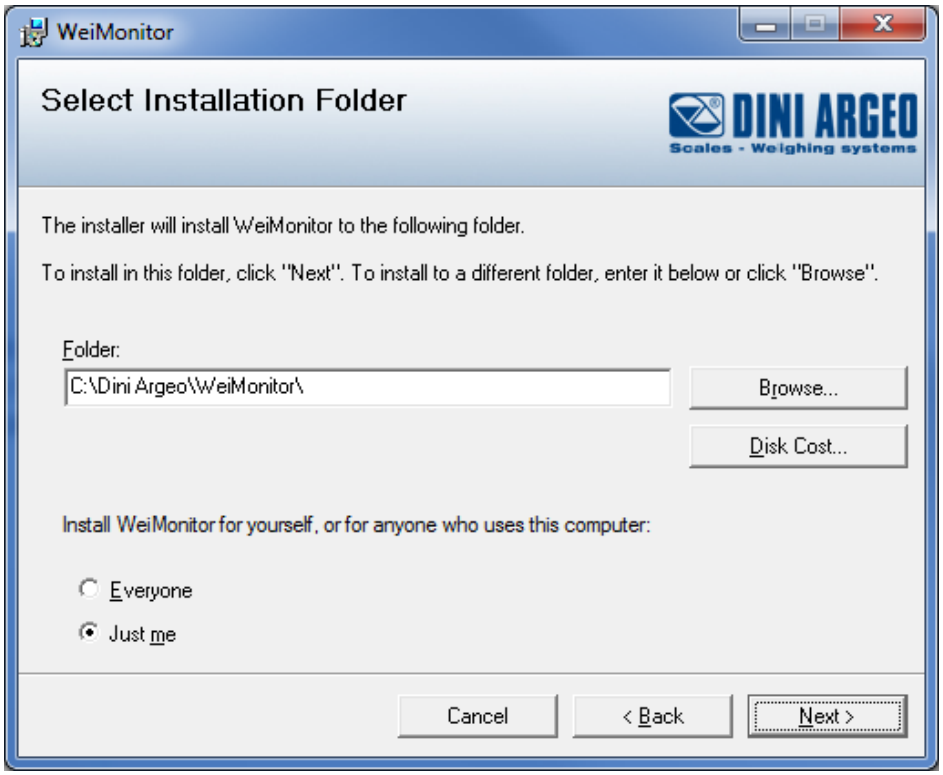

WeiMonitor
Select Installation Folder
DINI ARGEO
Scales - Weighing systems
The installer will install WeiMonitor to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Dini Argeo\WeiMonitor\
Browse...
Disk Cost...
Install WeiMonitor for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

Figure 3 – Setup (step 3)

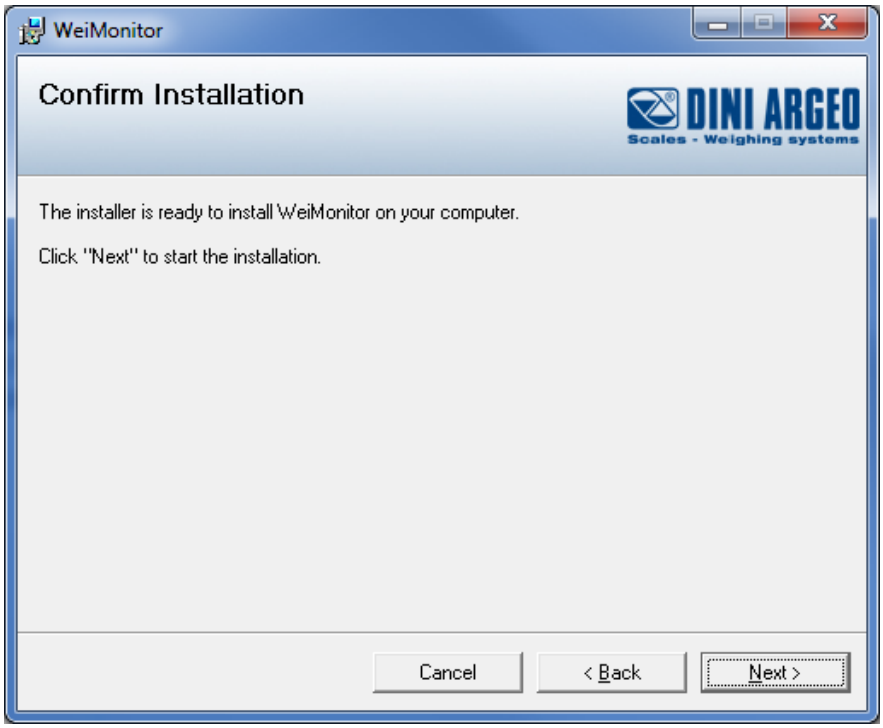


Figure 4 – Setup (step 4)

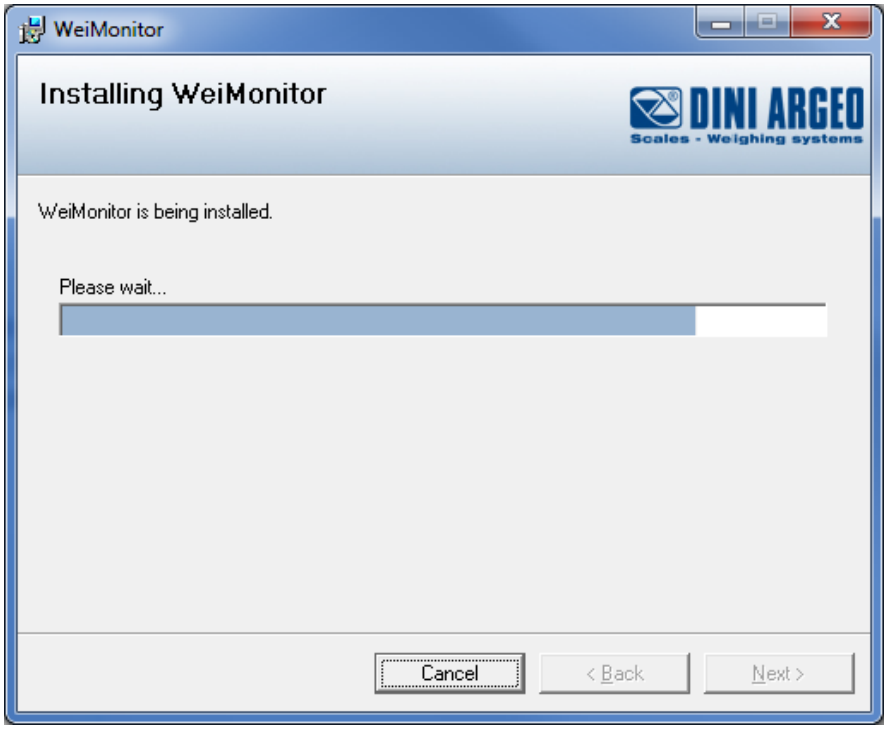


Figure 5 – Setup (step 5)

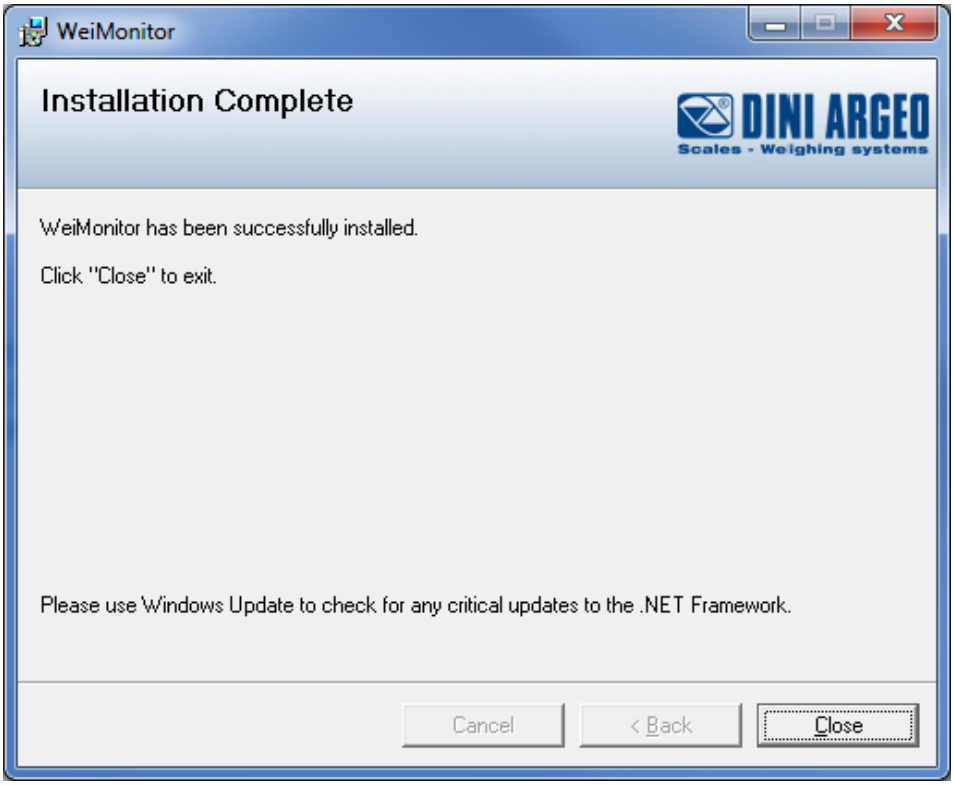


Figure 6 – Setup (step 6)

3 Wizard configuration

At the first start, a software wizard setup will be run to make the use of the program easy and intuitive.
The configuration is divided in its interior in 4 steps:

- Language configuration
- Scale configuration
- Operation mode
- File save

3.1 LANGUAGE CONFIGURATION

In this screen you can choose the desired language from the language list

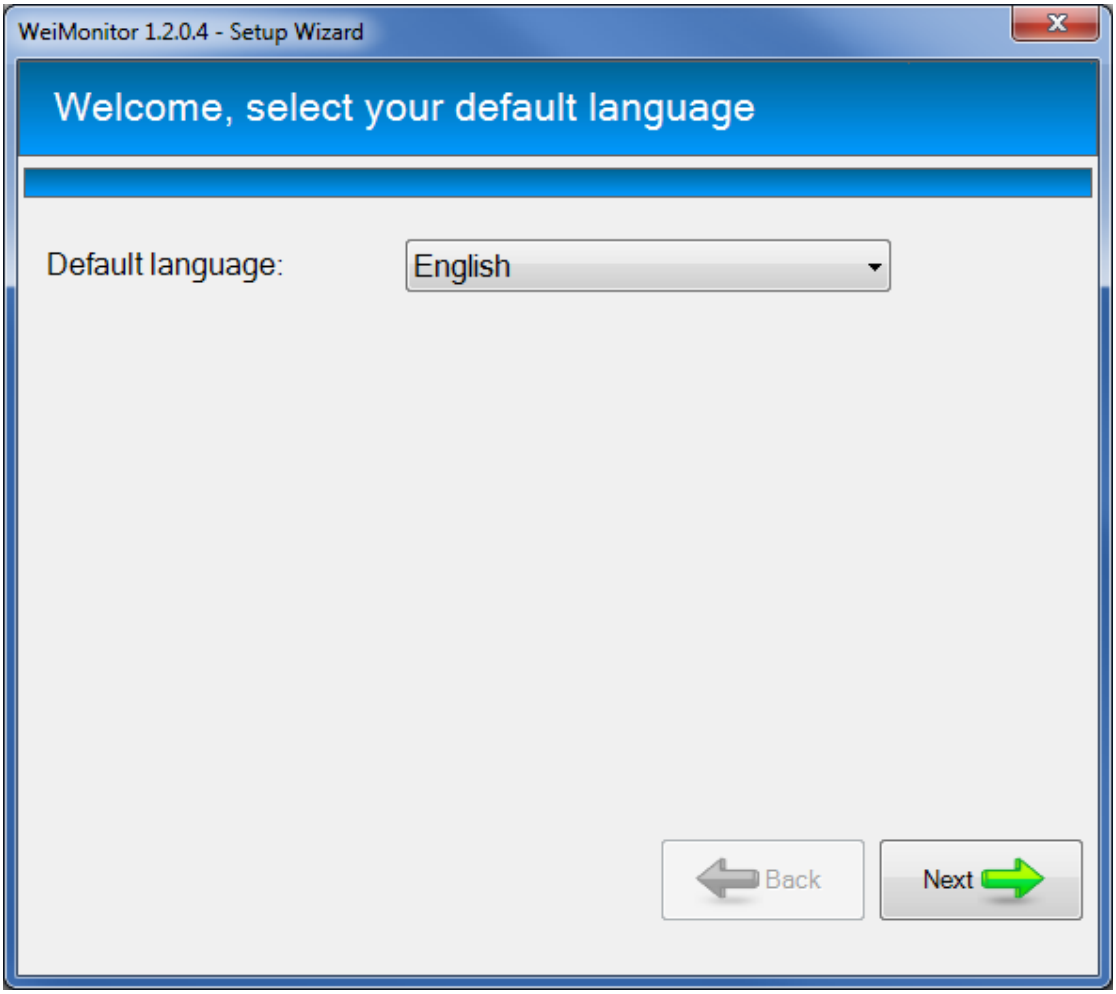


Figure 7 – Selection of the language

3.2 SCALE CONFIGURATION

The scale can be configured in 2 different ways:

- *Automatic search*. This mode allows the software to look for all serial ports on present scales.
- *Manual search*. This mode allows the user to set the communication type of the scale

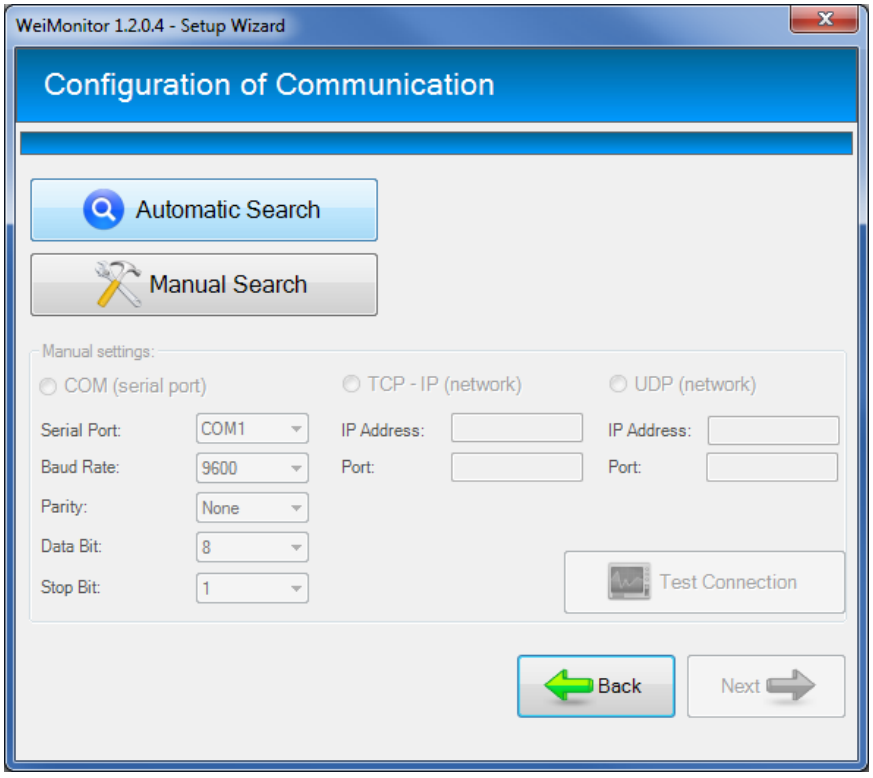


Figure 8 – Scale configuration

If you choose to use the *Automatic Search,* the screen below will be displayed with the relevant information related to ongoing research.

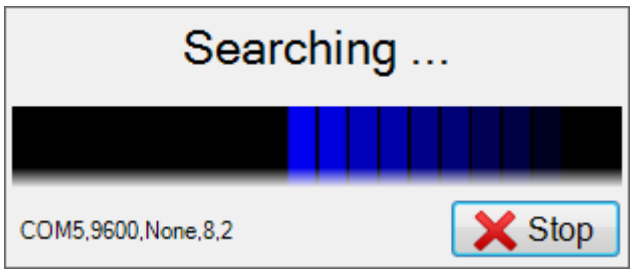


Figure 9 – Automatic Search

In the *Manual Search,* you can change the settings of the communication (COM, TCP-IP, UDP) with their characteristics.
The button ***Test the connection*** is designed to check whether there is a scale. The values chosen can establish communication between a software and a scale.

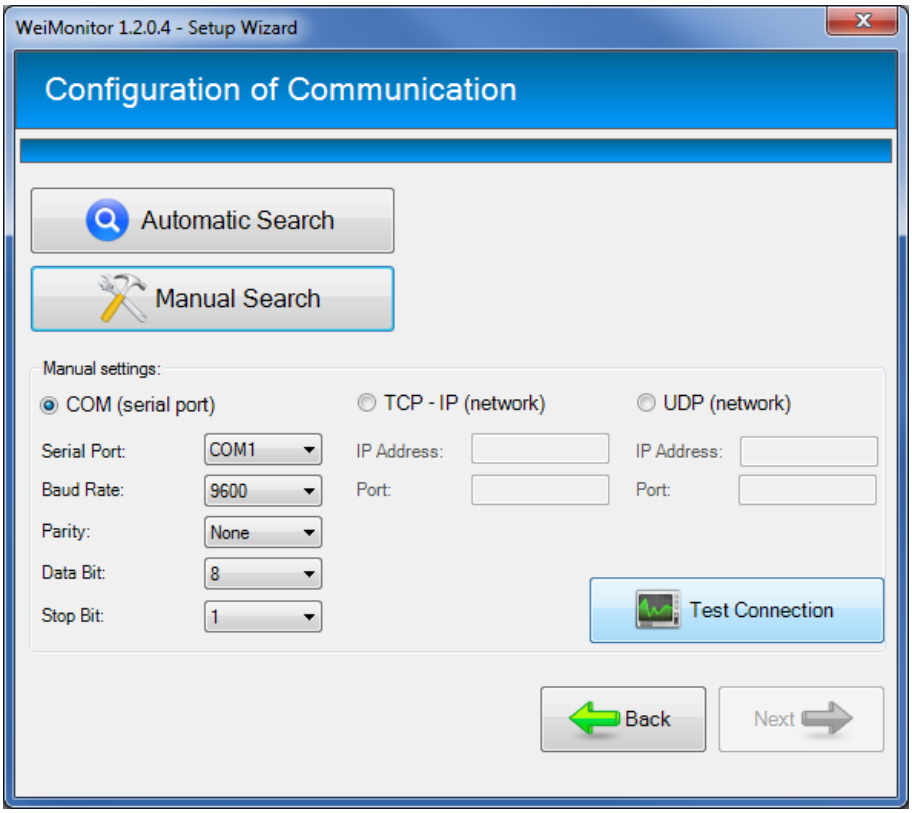


Figure 10 – Manual search

The ***Next*** *button* will be enabled only when a scale was found.

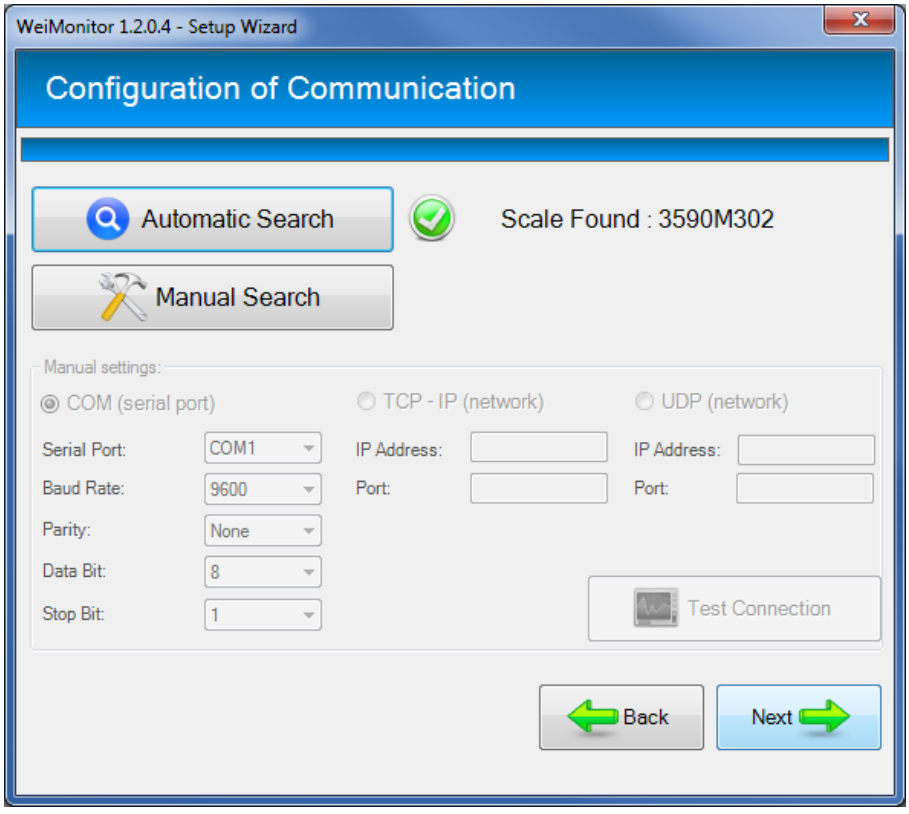


Figure 11 – Scale Found

3.3 OPERATION MODE

In this screen you can choose the operation mode of the scale.
They are 2 of them:

- *From PC*
- *From scale*

In the first case, ***from PC*** → by the PC ***keyboard***, the storage will only occur when the weight is stable. In case of *a mode* **from PC** → *by* **Time,** the storage will occur even if the weight is unstable.

The functioning mode from PC allows you to store a weight or by pressing a keyboard button or by programming the save according to a fix time interval.

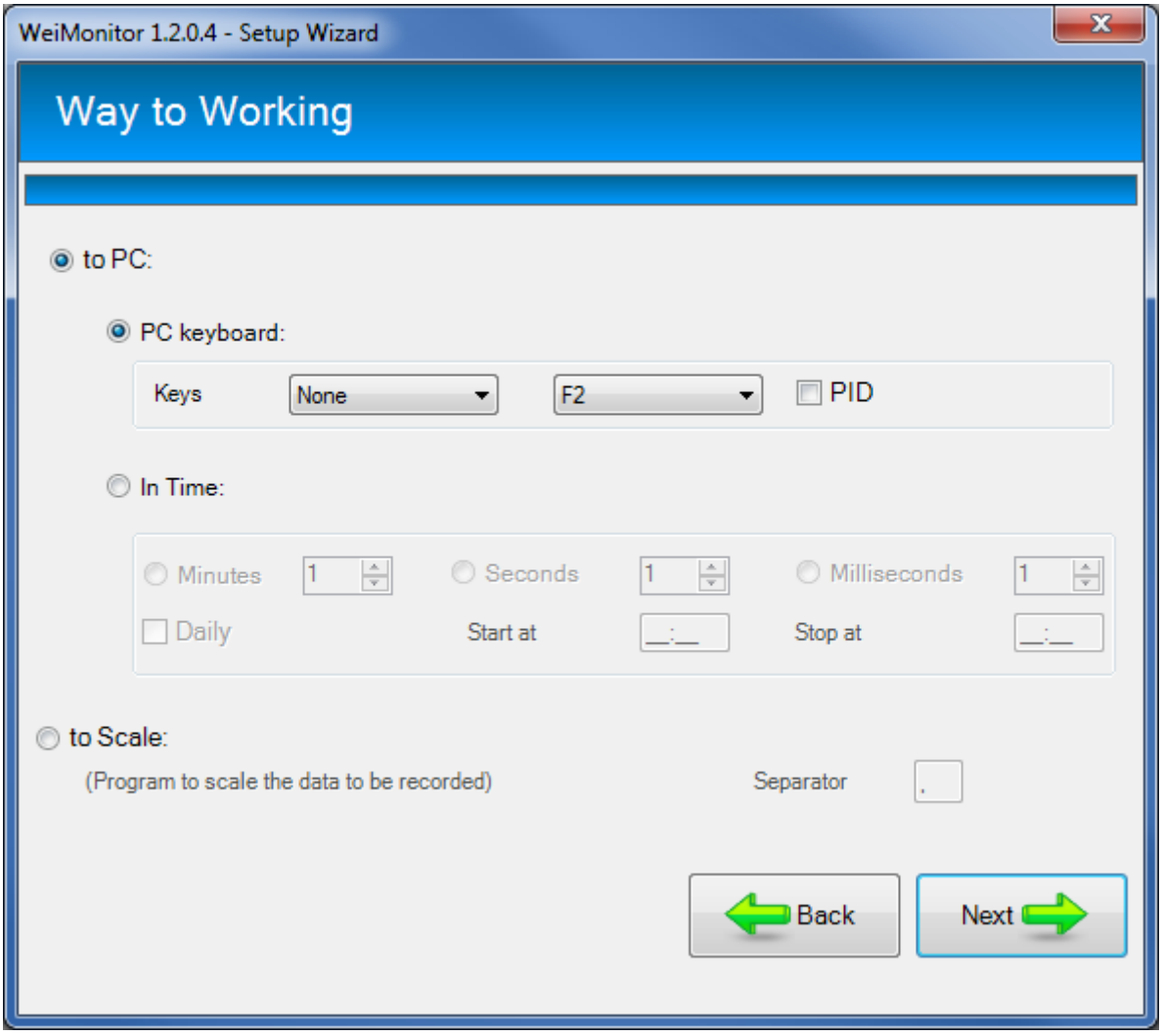


Figure 12 – Functioning mode

If you select to use the *PC functioning mode*, the screen below will appear:

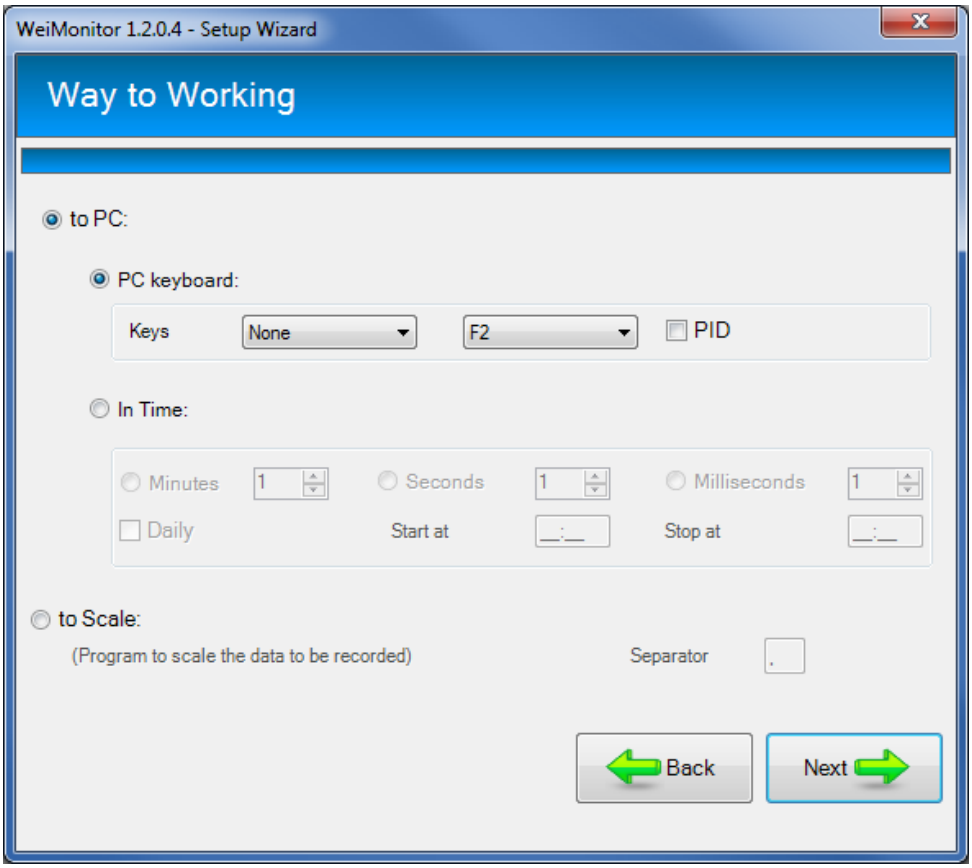


Figure 13 – PC functioning mode

You may choose whether to use the keypad buttons or a configured time interval to store.

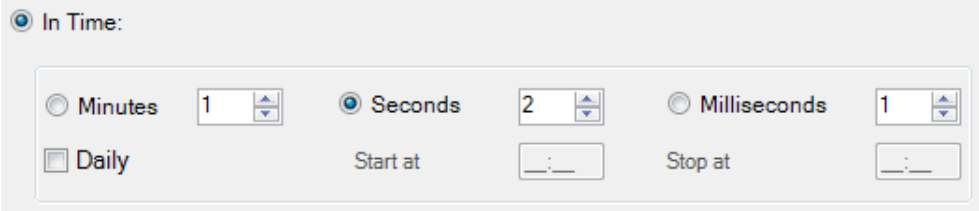


Figure 14 – Setting by Time

In the category *scale functioning mode*, the string directly comes from the scale and you can set the separator.

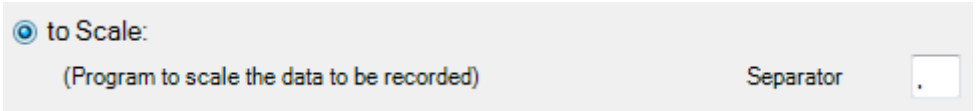


Figure *15 – S*cale functioning mode

3.4 SAVING IN A FILE

It makes possible to store the weights in case you want to keep track over time.
In the case of storage, you can choose the file type (.txt or .csv) and if you want to save weights day by day (To create file with automatic name).
The file with an automatic name will be automatically generated by the caption YYYY-MM-DD in the selected folder.

The default folder to save to file is: *C:\Dini\Data*, but you can change the path through the button *Change the path*.

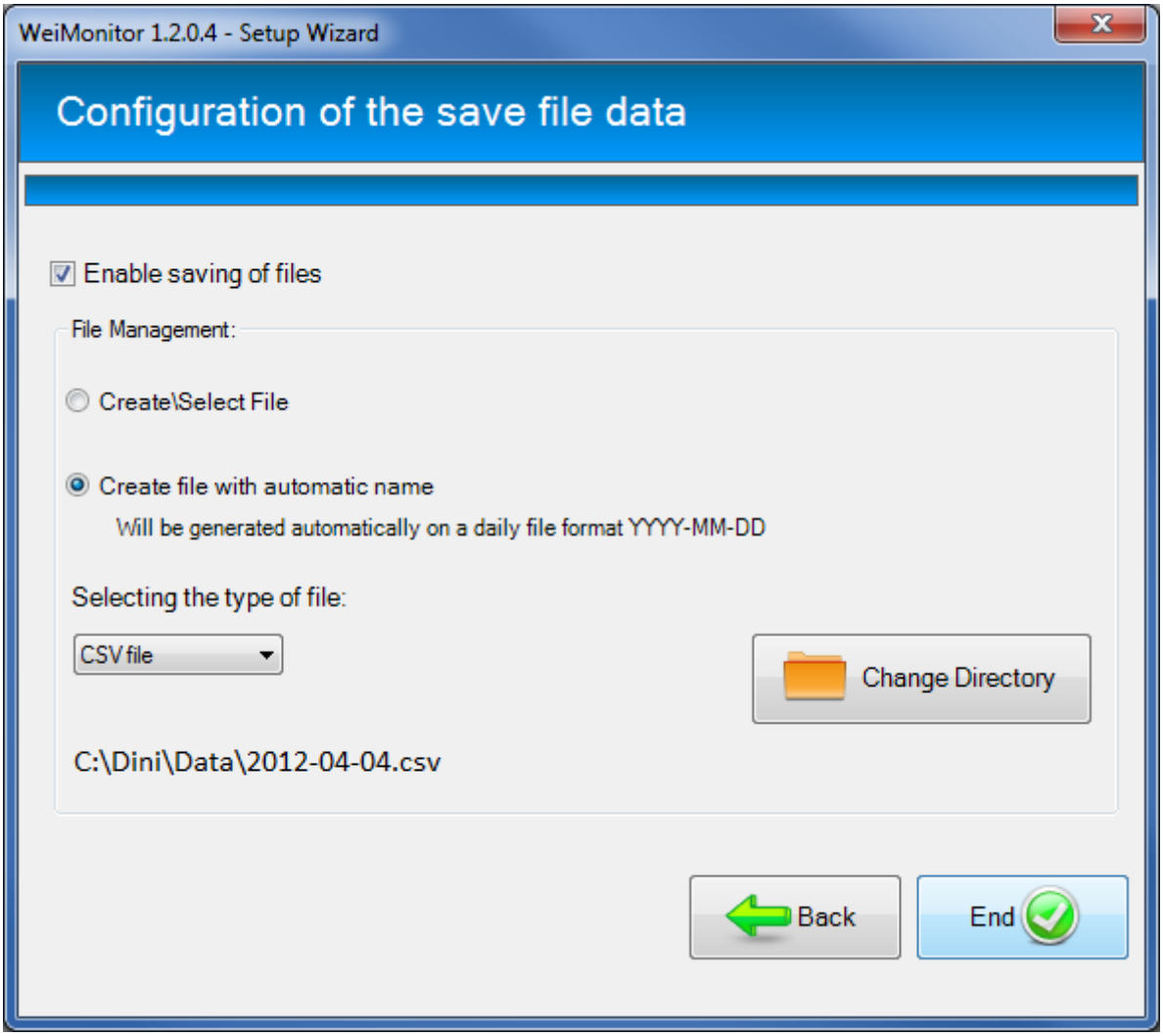


Figure 17 – Saving the File

4 Main screen

The main screen contains all the set scales (FULL version only).
For each scale, you can choose whether to display the list of weighs made or track its progress through the graph.
Each scale is connected to a resettable activity by the *Configure* button.

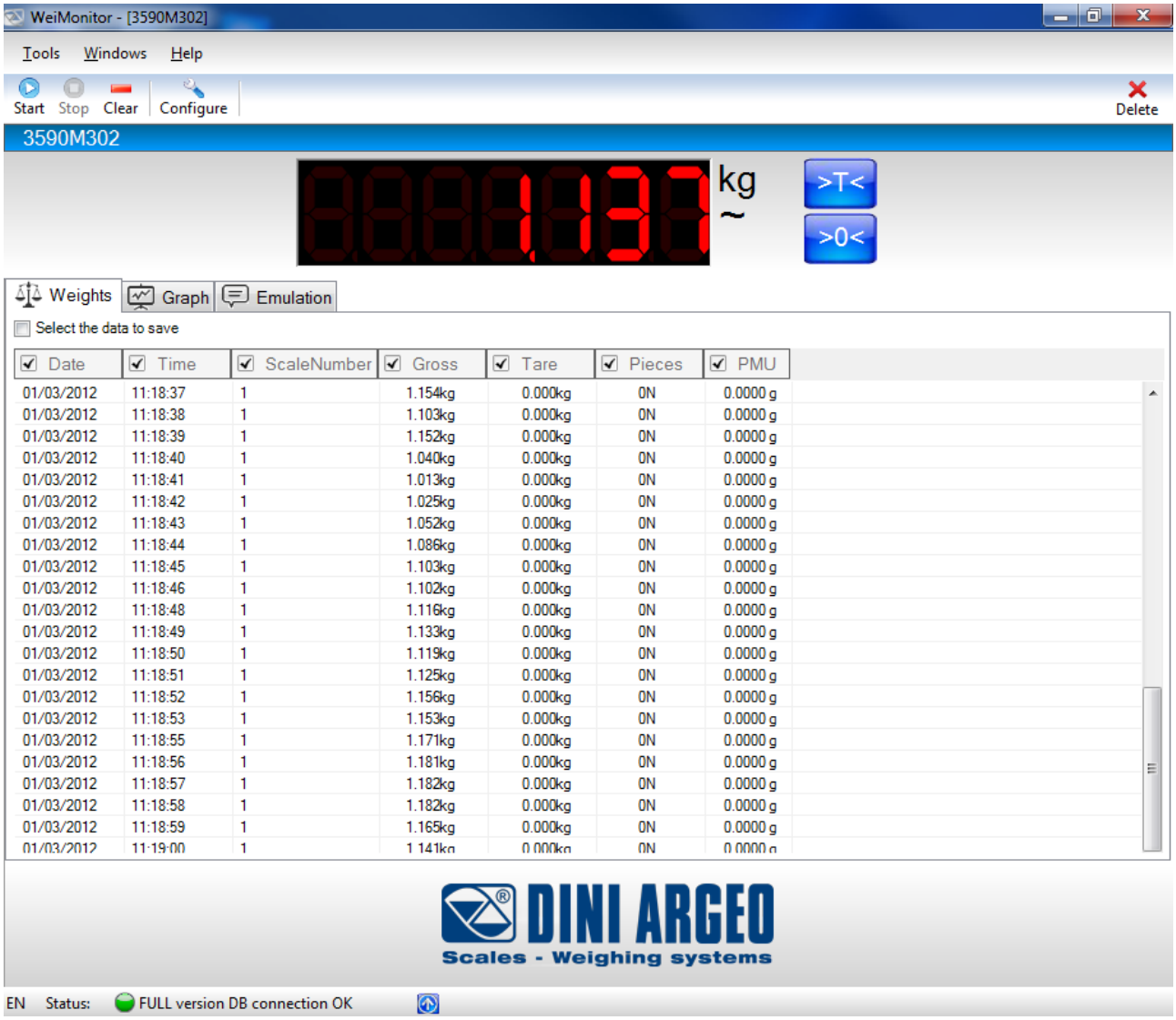


Figure 7 – Main screen (weights)

The part related to the graph can be customized in its display by selecting the type of value (all columns are visible in the table of weights).
3 lines can also be inserted to indicate the thresholds of tolerance.

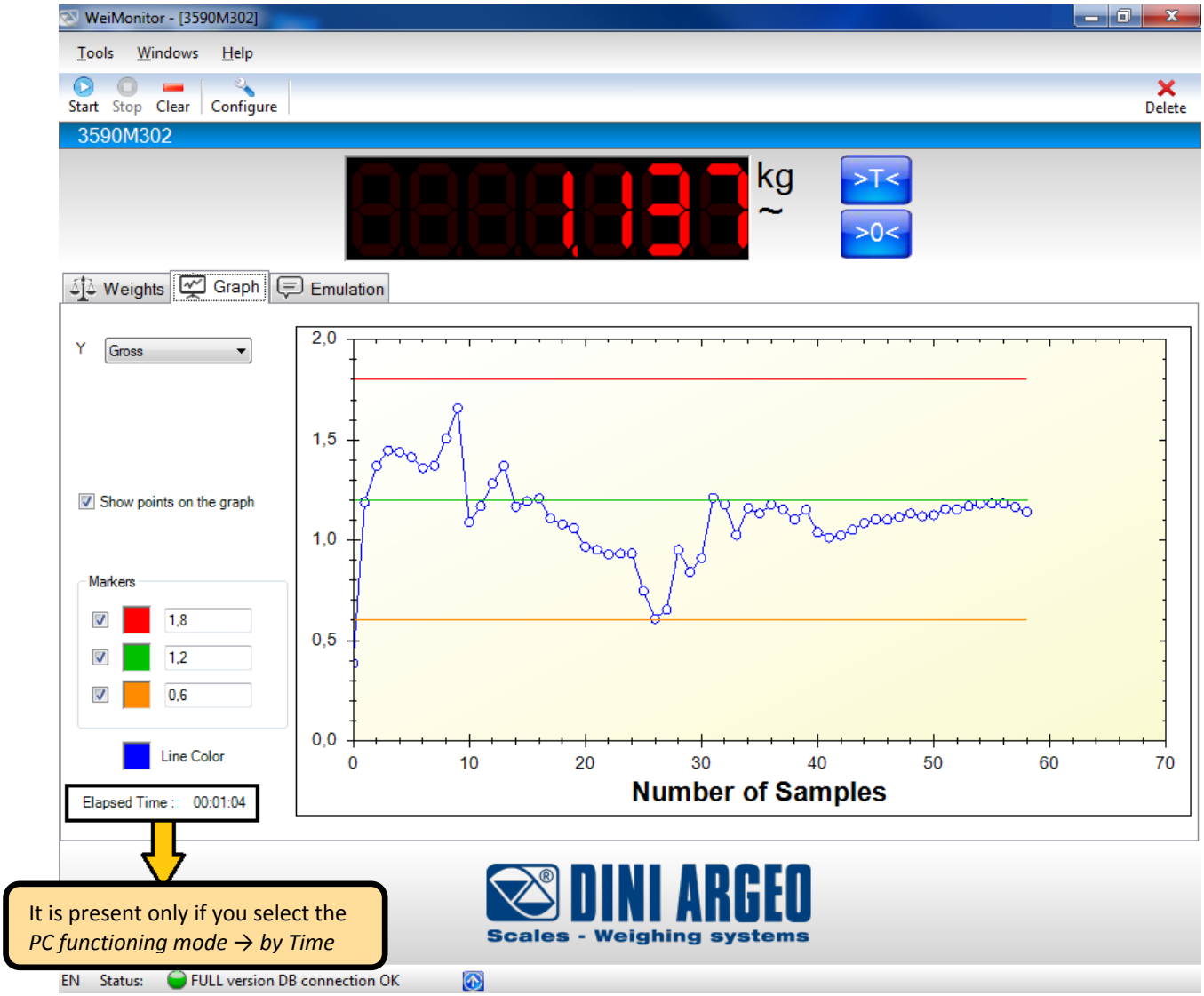


Figure 19– Main screen (Graphic)

On the weight screen, you can choose the columns to display and save to a file (if this last option is enabled) by selecting *Selects data to be saved*.
By clicking on its name, each column has the ability to change its heading, choose its size and decide to enable it in case of saving.

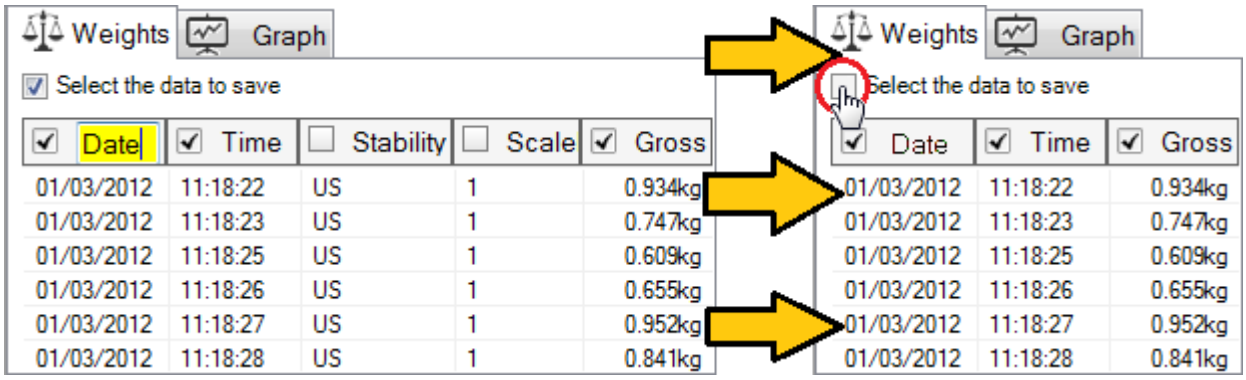


Figure 20 – Column selection (weights)

In a *Pc functioning mode*, certain information regarding the scale are present:

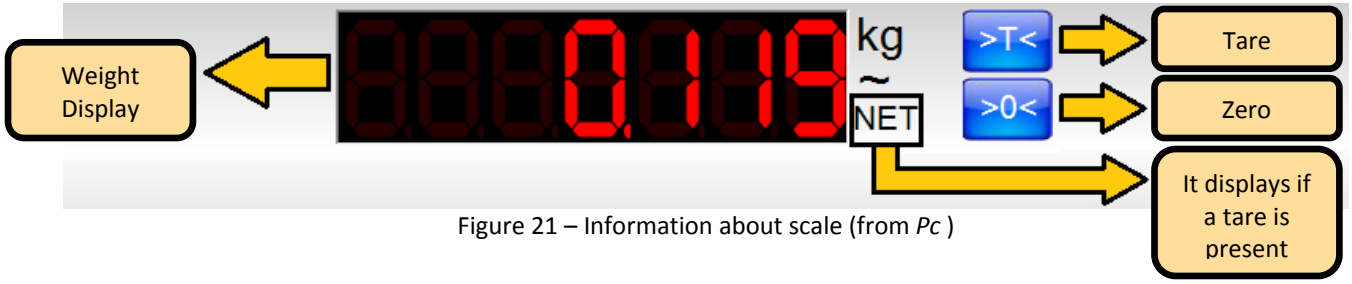


Figure 21 – Information about scale (from *Pc*)

Every activity has its own toolbar that adjusts its state and manages the scale:

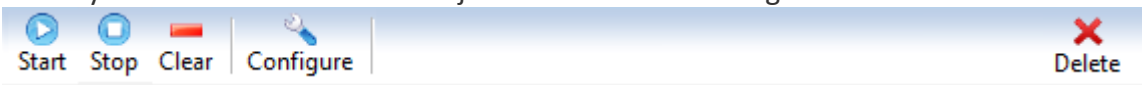


Figure 22 – Toolbar activity

The emulation of writing allows you to write the weight in another active window, such as for instance storing the weight of a running file such as Excel, Word or any other program running.

5 Advanced modes

5.1 SYSTEM SERVICE

If you want to start the program automatically, when you start your Operating System without the need to enter your credentials, you can do this by configuring the program with a system service, such as for example on a server.

5.1.1 Installation

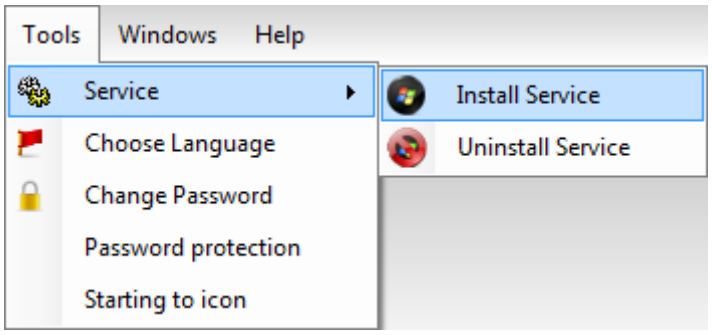


Figure 23 - Installation of the System Service

During the installation of the following service, the credentials of an administrator user will be request.
At the end of the installation, if it was done correctly, you will see a message confirming the installation.

5.1.2 Uninstall

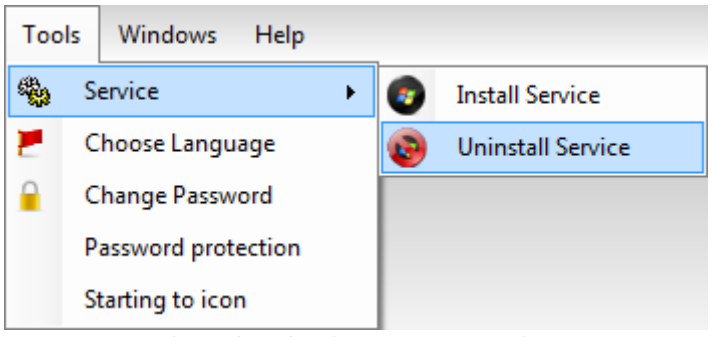


Figure 24 – Service system removing

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Once 90 days have passed from the software release any modification or variation to the software must be regularly invoiced as an intervention of modification.

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In case of installation, removal or replacement of any network device that modify the MAC address of the hardware on which the software has been installed, the software license will be invalidated and the software will stop to work.

If the software is installed on a virtual machine, the machine requires Internet connection. Should the machine fail to connect to Internet for more than 45 days the software will cease to work. Specific warning advice will inform the user of this event starting from the first day of lack of connection and then for the following 44 days. At the end of this period the software will stop to function until a new connection to Internet will be established.

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